

Table C-1
TOCDF BRA Data

ANALYTE	MAXIMUM TOCDF EMISSION										MODIFIER FOR UPSET	IRAP-h EMISSION RATE ⁽³⁾ (g/s)	
	RUN #1 (g/sec)	BL ⁽¹⁾	RUN #2 (g/sec)	BL ⁽¹⁾	RUN #3 (g/sec)	BL ⁽¹⁾	Mean (g/sec)	RATE (g/s)	Standard (g/s)	95% UCL (g/s)	Final Rate (g/s)		
Volatile Organic Compounds													
Acetone	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.8	0.0E+00
Benzene	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.8	0.0E+00
Bromodichloromethane	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.8	0.0E+00
Bromoform	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.8	0.0E+00
Bromomethane (Methyl Bromide)	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.8	0.0E+00
2-Butanone (MEK)	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.8	0.0E+00
Carbon Disulfide	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.8	0.0E+00
Carbon Tetrachloride	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.8	0.0E+00
Chlorobenzene	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.8	0.0E+00
Chlorodibromoethane	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.8	0.0E+00
Chloroethane (Ethyl Chloride)	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.8	0.0E+00
Chloroform	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.8	0.0E+00
Chloromethane (Methyl Chloride)	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.8	0.0E+00
Dibromomethane	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.8	0.0E+00
Dichlorodifluoromethane (Freon 12)	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.8	0.0E+00
1,1-Dichloroethane	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.8	0.0E+00
1,2-Dichloroethane (EDC)	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.8	0.0E+00
1,1-Dichloroethene	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.8	0.0E+00
trans-1,2-Dichloroethylene	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.8	0.0E+00
1,2-Dichloropropane	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.8	0.0E+00
cis-1,3-Dichloropropene	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.8	0.0E+00
trans-1,3-Dichloropropene	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.8	0.0E+00
Ethylbenzene	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.8	0.0E+00
Iodomethane	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.8	0.0E+00
Methylene Chloride	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.8	0.0E+00
Styrene	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.8	0.0E+00
1,1,2,2-Tetrachloroethane	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.8	0.0E+00
Tetrachloroethene (PCE)	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.8	0.0E+00
Toluene	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.8	0.0E+00
1,1,1-Trichloroethane (TCA)	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.8	0.0E+00
1,1,2-Trichloroethane	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.8	0.0E+00
Trichloroethene (TCE)	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.8	0.0E+00
1,2,3-Trichloropropane	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.8	0.0E+00
Trichlorofluoromethane	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.8	0.0E+00
Vinyl Chloride	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.8	0.0E+00
m,p-Xylene	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.8	0.0E+00
o-Xylene	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.8	0.0E+00
Total Xylenes	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.8	0.0E+00
VOC Subtotals							0.0E+00	0.0E+00	0.0E+00			0.0E+00	

Table C-1
TOCDF BRA Data

ANALYTE	MAXIMUM TOCDF EMISSION RATE										MODIFIER FOR UPSET	IRAP-h EMISSION RATE ⁽²⁾ (g/s)		
	RUN #1 (g/sec)	BL ⁽¹⁾	RUN #2 (g/sec)	BL ⁽¹⁾	RUN #3 (g/sec)	BL ⁽¹⁾	Mean (g/sec)	(g/s)	Standard (g/s)	95% UCL (g/s)	Final Emission Rate (g/s)	BL ⁽¹⁰⁾	CONDITIONS ⁽²⁾	
Semi-volatile Organic Compounds														
Acenaphthene	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
Acenaphthylene	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
Acetophenone	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
4-Aminobiphenyl	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
3-Amino-9-ethylcarbazole	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
Aniline	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
Anthracene	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
Aramite	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
Benzidine	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
Benzzoic acid	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
Benzo (a) anthracene	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
Benzo (b) fluoranthrene	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
Benzo (j) fluoranthene	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
Benzo (k,j) perylene	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
Benzo (a) pyrene	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
Benzo (e) pyrene	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
Benzyl alcohol	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
bis(2-Chloroethoxy)-methane	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
bis(2-Chloroethyl) ether	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
bis(2-Ethylhexyl)-phthalate	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
4-Bromophenyl phenyl ether	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
Butyl benzyl phthalate	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
4-Chloraniline	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
4-Chloro-3-methylphenol	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
1-Chloronaphthalene	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
2-Chloronaphthalene	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
2-Chlorophenol	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
4-Chlorophenyl phenyl ether	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
Chrysene	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
Dibenzo(a,h)anthracene	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
Dibenzo(a,j)acridine	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
Dibenzofuran	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
Di-n-butyl phthalate	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
Di-n-octyl phthalate	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
1,2-Dichlorobenzene	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
1,3-Dichlorobenzene	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
1,4-Dichlorobenzene	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
3,3'-Dichlorobenzidine	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
2,4-Dichlorophenol	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
2,6-Dichlorophenol	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
Diethyl phthalate	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
p-Dimethylaminazobenzene	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
7,12-Dimethylbenz(a)-anthracene	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
a,a-Dimethylphenyl-amine	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
2,4-Dimethylphenol	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
Dimethyl phthalate	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
4,6-Dinitro-2-methylphenol	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
2,4-Dinitrophenol	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
2,4-Dinitrotoluene	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
Diphenylamine	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
Ethyl methanesulfonate	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
Fluoranthene	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
Fluorene	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
Hexachlorobenzene	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
Hexachlorobutadiene	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
Hexachloroethane	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
Indeno(1,2,3-cd)pyrene	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
Iosphorone	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
3-Methylcholanthrene	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
Methyl methanesulfonate	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
2-Methylnaphthalene	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
2-Methylophenol	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
4-Methylphenol	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
3,4-Methylphenol	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
Naphthalene	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
1-Naphthylamine	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
2-Naphthylamine	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
2-Nitroaniline	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
3-Nitroaniline	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.					

Table C-1
TOCDF BRA Data

Pentachlorophenol	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
Phenacetin	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
Phenanthrene	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
Phenol	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
2-Picoline	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
Pronamide	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
Pyrene	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
1,2,4,5-Tetrachlorobenzene	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
2,3,4,6-Tetrachlorophenol	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
1,2,4-Trichlorobenzene	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
2,4,5-Trichlorophenol	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
2,4,6-Trichlorophenol	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
2,4,6-Trinitrotoluene	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
SVOC Subtotals							0.0E+00	0.0E+00	0.0E+00			0.0E+00	

Table C-1
TOCDF BRA Data

ANALYTE	RUN #1 (g/sec)	BL ⁽¹⁾	RUN #2 (g/sec)	BL ⁽¹⁾	RUN #3 (g/sec)	BL ⁽¹⁾	Mean (g/sec)	MAXIMUM TOCDF EMISSION RATE (g/s)	Standard Deviation (g/s)	95% UCL (g/s)	Final Emission Rate (g/s)	MODIFIER FOR UPSET BL ⁽¹⁰⁾	IRAP-h EMISSION RATE ⁽²⁾ (g/s)
Tentatively Identified Compounds													
(Carbethoxyethylidene) triphenyl phosphorane	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8
0,0,0-Triethylphosphorothioate	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8
1,1,2-Tetrachloroethane	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8
1,1,2-Trichlorotrifluoroethane	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8
1,2-Benzenedicarboxylic Acid (TIC)	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8
1,2-Dibromoethane (Ethylene Dibromide)	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8
1,2-Diphenylhydrazine	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8
1,3,5-Tribromobenzene	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8
1,3-Butadiene	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8
1,3-Dinitrobenzene	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8
1,4-Butanediol (TIC)	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8
1,4-Dichloro-2-butene	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8
1,4-Naphthoquinone	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8
1-Decene, 2,4-dimethyl-	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8
1-Hexadecanol	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8
1-Octanol, 2-butyl	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8
1-Propanol, 2-(2-methoxy-1-methylethoxy)	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8
1-Propen-1-one,2-methyl	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8
2,2-Dimethoxybutane	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8
2,4,6-Trinitrotoluene (TIC)	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8
2,4-dimethyl-1-heptene	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8
2-Acetylaminofluorene	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8
2-Butanone, 4-Acetoxy (TIC)	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8
2-Chloropropane	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8
2-Cyclohexene-1-one, 3,5-Dimethyl (TIC)	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8
2-Decanal, (z)-	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8
2-Fluoro-6-nitrophenol	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8
2-Hexanone	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8
2-Methyl-5-nitrosaniline	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8
2-Naphthalenecarbonoxaldehyde	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8
2-Pentene, 3,4,4-trimethyl-	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8
2-Propanol	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8
2-sec-Butyl-4,6-dinitro-phenol	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8
2-Toluidine	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8
3,3-Dimethylbenzidine	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8
3-Methylphenol	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8
3-Nonen(e,c.t.)	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8
3-Penten-2-one, 4-methyl-	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8
4,4'-DDE	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8
4-Hydroxy-4-methyl-2-pentanone	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8
4-Methyl-2-pentanone (MIBK)	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8
4-Nitroquinoline-1-oxide	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8
5-Nitroacenaphthene	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8
5-Nitro- <i>o</i> -toluidine	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8
Acetic acid, (triphenylphosphor-anhydride)-mett	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8
Acetic anhydride	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8
Acetophenone	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8
Benzaldehyde	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8
Benzene, (1-methylethyl)-	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8
Benzene, propyl-	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8
Benzenthol	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8
Benzonitrile	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8
Benzylaldehyde, ethyl-	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8
Benzene,1,2,3-trichloro-	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8
Benzene,1,2,3-trimethyl-	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8
Benzene,ethyl-methyl	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8
Benzene,propyl	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8
Biphenyl	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8
bis(2-Chloroisopropyl)Ether	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8
bis(2-Ethylhexyl)Adipate	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8
Bromoethane (Vinyl Bromide)	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8
Butanoic acid, 2-methyl-, methyl ester	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8
Butanoic acid, propyl ester	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8
Butonic acid, methyl ester	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8
C3-Naphthalene	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8
Carbonyl Sulfide	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8
Chlorobenzilate	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8
cis-1,4-Dichloro-2-butene	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8
Cyclohexane	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8
Cyclohexane, 1-methyl-2-propyl	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8
Cyclohexane, Pentyl (TIC)	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8

Table C-1
TOCDF BRA Data

Decane,2,6,6-trimethyl-	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
Decane,2,6,6-trimethyl-	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
Decane,3-methyl	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
Decane,4-methyl	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
Decanol, 2-ethyl-	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
Diallate	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
Dibromochloromethane	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
Diethylene glycol	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
Dihydrosorole	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
Diisopropyl methyl phosphonate	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
Dioxathio	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
Dodecane	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
Dodecane 2-cyclohexyl-, 2-cyclohexyl-	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
Erycamide	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
Ethanol, 2-(2-Butoxyethoxy)- (TIC)	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
Ethyl parathion	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
Furan, tetrahydro-2,5-dimethyl	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
Ethylbenzene (TIC)	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
Heptachlor	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
Heptacosane	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
Heptane (TIC)	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
Heptadecane, 7-methyl	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
Heptane, 2,4-dimethyl-	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
Heptane, 2,5-trimethyl-	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
Heptane, 3,3,5-trimethyl-	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
Heptane, 3,4-dimethyl-	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
Heptane, 3-ethyl-2-methyl	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
Heptane, 4-ethyl-	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
Heptane, 4-ethyl-2,2,6,6-tetra	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
Heptane, 5-ethyl-2-methyl-	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
Hexachloropropene	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
Hexacosane	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
Hexadecane,2,6,10,14-tetramet	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
Hexadecanoic acid	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
Hexanoic Acid (TIC)	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
Hexanoic Acid, 2-Ethyl- (TIC)	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
Hexatrichloroethane	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
Hexanoic Acid,-Ethyl- (TIC)	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
Isoasprole	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
Methane,tribromo-	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
Methaphenyline	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
Methoxychlor	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
Methyl cyclohexane	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
Methyl nitrite	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
N,N-Diisopropylcarbodiimide	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
Naphthalene,decahydro,trans	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
n-Decane	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
n-Hexane	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
Nitrous, acid, methyl ester	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
N-Nitrosodiethylamine	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
N-Nitrosomethylmethyamine	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
N-Nitrosomorpholine	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
N-Nitrosoypyridine	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
Noracosane	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
Norane	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
Nonane,2,6-dimethyl	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
Nonane,2-methyl-	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
Nonane,3-methyl-	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
Nonane,4-methyl-	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
Nonanol	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
Octacosane	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
Octadecenoic acid	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
Octane,2,2,6-trimethyl-	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
Octane,2,6,3-trimethyl-	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
Octane,2,6,5-trimethyl-	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
Octane,2,5-dimethyl-	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
Octane,3-dimethyl-	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
Octane,3,6-dimethyl-	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
Oxirane	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
Pentachloroethane	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
Phenol, 2-(2H-benzotriazol-2-yl)-4-methyl	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
Phenol, 3-fluoro-4-nitro-	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
Phenol,4,4-bis(4-allylene bis [2-[1,1-dimethyl ethyl]]-p-phenylenediamine	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
p-Toluidine	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
Pyridine	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
Quinoline	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
Safrole	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
Silicic acid, tetramethyl ester	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
Squalene	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
Thipene,2,3-dimethyl-	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
Toluene	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
trans-1,4-Dichloro-2-butene	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
Tributylamine	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
Trichlorofluoromethane (TIC)	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
Tridecane	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
Triphenyl phosphine oxide	0.0E+00	S	0.0E+00	S</									

Table C-1
TOCDF BRA Data

ANALYTE	MAXIMUM TOCDF EMISSION RATE										MODIFIER FOR UPSET	IRAP-h EMISSION RATE ⁽³⁾		
	RUN #1 (g/sec)	BL ⁽¹⁾	RUN #2 (g/sec)	BL ⁽¹⁾	RUN #3 (g/sec)	BL ⁽¹⁾	Mean (g/sec)	(g/s)	Standard Deviation (g/s)	95% UCL (g/s)	Final Emission Rate (g/s)	BL ⁽¹⁰⁾	CONDITIONS ⁽²⁾	
Miscellaneous Analytes														
Agent GB	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
Chlorine	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	1.45	0.0E+00
HCl	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	1.45	0.0E+00
HF	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	1.45	0.0E+00
Nitroglycerin	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
Semi-Volatile TO	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
Non-Volatile TO	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
Volatile TO	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
Particulate Matter	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	1.45	0.0E+00
RDX	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
HMX	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
Dioxins and Furans														
2,3,7,8-TCDD	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
TCDD ⁽⁴⁾	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
1,2,3,7,8-PeCDD	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
PeCDD ⁽⁴⁾	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
1,2,3,4,7,8-HxCDD	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
1,2,3,6,7,8-HxCDD	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
1,2,3,7,8,9-HxCDD	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
Hexa CDD ⁽⁴⁾	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
1,2,3,4,6,7,8-HpCDD	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
Hepta CDD ⁽⁴⁾	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
OCDD ⁽⁵⁾	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
2,3,7,8-TCDF	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
TCDF ⁽⁴⁾	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
1,2,3,7,8-PeCDF	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
2,3,4,7,8-PeCDF	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
Penta CDF ⁽⁴⁾	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
1,2,3,4,7,8-HxCDF	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
1,2,3,6,7,8-HxCDF	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
2,3,4,6,7,8-HxCDF	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
1,2,3,7,8,9-HxCDF	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
Hexa CDF ⁽⁴⁾	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
1,2,3,4,6,7,8-HpCDF	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
1,2,3,4,7,8,9-HpCDF	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
Hepta CDF ⁽⁴⁾	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
OCDF ⁽⁵⁾	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
Dioxin and Furan Subtotals														
							0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00		0.0E+00	
PCB														
Total monochlorobiphenyls	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
Total dichlorobiphenyls	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
Total trichlorobiphenyls	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
3,3,4,4'-TetraCB	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
Total Tetrachlorobiphenyls	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
2,3,4,4',5-Penta CB	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
2,3,3',4,4'-Penta CB	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
2,3,4,4',5-Penta CB	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
2,3,4,4',5-Penta CB	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
3,3,4,4',5-Penta CB	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
Total Pentachlorobiphenyls	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
2,3,3',4,4',5-Hexa CB	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
2,3,3',4,4',5-Hexa CB	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
2,3,4,4',5,5-Hexa CB	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
3,3,4,4',5,5-Hexa CB	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
Total Hexachlorobiphenyls	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
2,3,3',4,4',5-Hepta CB	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
2,2,3,3',4,4',5-Hepta CB	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
2,2,3,3',4,4',5-Hepta CB	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
Total Heptachlorobiphenyls	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
Total Octachlorobiphenyls	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
Total Nonachlorobiphenyls	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
Deca CB	0.0E+00	S	0.0E+00	S	0.0E+00	S	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	S	2.8	0.0E+00
PCB Subtotals							0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00		0.0E+00	

